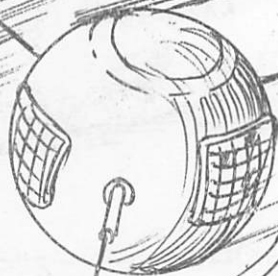




THE BLURB

PHILMONT MOBILE RADIO CLUB INC.



OSCAR II

ON 92 MINUTE POLAR
ORBIT- TRANSMITTING
ON 144.993 Mc.

EDITOR

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528 Melody Lane

Glenside, PA.

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W3LEM - W3PST

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W3UMK - W3ZPP

K3GNJ - K3GNM

New Members Chairman

- W3DSG

CIRCULATION AND PRINTING

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- K3GNJ

Boss Stitcher

- W3VVS

Collator

- W3QQH

The "Blurb" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general and mobile Radio in particular. We endeavor to keep the news accurate, interesting and in a small way educational. Copying and quoting is permitted, provided credit lines are included. Commercial use is not permitted and subscriptions are gladly exchanged with other radio clubs.

DEADLINES

The "Blurb" is mailed on the last monday of the month. All material for the "Blurb" must be received by the Editor, K3KUD before the 15th of the month.

1962 CLUB OFFICERS

Pres.	Lloyd Sherman	W3CDY
V. Pres.	Chas. Greenwood	W3GOW
Treas.	Bob Diefenderfer	K3DJE
Sec.	Enos Bartol	K3GNJ
Bd. of Dir.:	W3's, NIP, VVS, QQH, AWH, AK, DSG, WNC and all 1962 Club Officers	

NET AND NET FREQUENCIES

Ch 1 - 29493 KCs.	Ch 3 - Unassigned
Ch 2 - 29629 Kcs.	Ch 4 - 50.7 Mcs.
Orange Juice Net	0700 - 0730
Scrambled Egg Net	0730 - 0830
Weekdays	
Ten on Ten Sundays	1000 - 1100
Blarney sessions anytime	Ch 1 or Ch 2
29493	0930 - 2400

Monitored daily for the benefit of mobiles in the Philadelphia area.

PMRC CALENDAR

MEETINGS

Regular Meetings: First monday
of each month.

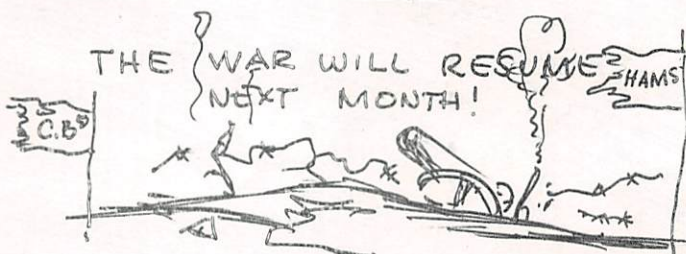
Time: 2000 hours (8:00 p.m.)

Place: FRANKLIN INSTITUTE

20 & Benj. Franklin Parkway

MID MONTH SCHEDULE

June	W3DJW
July	W3QQH
August	W3NIP
September	W3VVS
October	W3CDY
November	W3ADF
December	K3DJE



Sam's CORNER

SO THAT YOU TAX YOUR WITS NO
LONGER, HERE IS THE ANSWER
TO THE SPECIAL TECHNIGRAM

LEAVE FROM "OHM" WITH GEAR PACKED
A GLANCE AT THE MAP. TURN ON THE
SWITCH AFTER "SEEING" THE WAY &
YOUR OFF, WITH YOUR ANT. HOT! A
FEW RIGHT'S & WRONG TURNS & A
FEW STOPS YOUR IN SIGHT O' THE
GROUNDS. AFTER GREETING ALL-
YOU START TO "WORK" RELAY MESSAGES
ETC. WITH VARYING CAPACITY YOU
PUT AWAY THE DOGS & BEER. GET
TOGETHER FOR EYEBALL QSO'S &
ENJOY THE DAY. YOU SOON POOP
OUT & CALL IT QUITS. PACK UP & YOU
HEAD BACK FOR "OHM" LAST BUT
NOT LEAST—HIT THE SACK.

P R E S S E Z !

This brings us to the half-way mark for 1962. We have seen the great strides of amateur radio and have been a part of it. For Phil-Mont, it has been a busy six (6) months and, as usual, many have contributed time and talent. In reviewing the membership to examine the past six months, several things become very apparent. The approximate percentages of total membership for different activities are as follows:

- | | |
|--|-----|
| 1. Active in one or more activities. | 35% |
| 2. Attended one or more meetings. | 75% |
| 3. Have not taken part in activities or attended any meetings. (This does not include 10 on 10 net participation.) | 25% |

Group one is absorbed by group two completely. Group three breaks down as follows: five per cent have other activities, making participation impossible at present; but they will return at a later time again. Twenty per cent of the group may be divided further by reason not known to me, placing some in aforementioned five per cent. Estimating another five per cent in this category leaves fifteen per cent as having attended no meetings or participated in any activities. I feel these percentages are quite close. So, let's discuss this last fifteen per cent group, even though this is a smaller percentage than usual. The first thing that comes to mind is this: If you are one of the fifteen per cent, you have paid your dues. This tells me that you wanted to be a part of Phil-Mont. There must be a reason why you did not fall into some activity so far in 1962. If you cannot take a part now or attend meetings, it would be a pleasure to hear from you. If, however, there is something we in Phil-Mont can do to have you with us, please let us know. If you know why someone has not been able to be with us, let's give him the old Phil-Mont assist.

As I mentioned before, 1962 is half gone, but the other half is left for our fellowship.

We have six more meetings, six more mid-months, a clam bake, a banquet, and expanding the operation of W3TKQ.

You see, we've missed you. There is lots of fun ahead. May you too be a part of it. B C N U.

de W3CDY

P.S. Don't forget to bring a friend.

IT SEEMS TO ME

Listening to Channel 1 for an evening is a varied and interesting experience. It's possible to hear a serious technical discussion, club business traffic, a distant station calling for a phone patch into Philadelphia, or the light, friendly banter that is so much a part of Phil-Mont.

Phil-Mont seems to me to be a unique fraternity—everyone is very much interested in the problems of the other members, and will go to great lengths to help, whether the problem be technical or personal. I have been the grateful recipient of many kindnesses from Phil-Monters when Bob has been travelling. It's as if you are not alone when you can turn on Channel 1 and hear familiar voices. I would like to add also, that although I don't know W3QV, I admire his patience and availability to help anyone who has a problem, or to give just a friendly hello.

There is something truly worthwhile in an organization that can inspire such interest and devotion in its members.

Most of us XYLS have no technical knowledge of radio, but are primarily interested in Phil-Mont, and would, I feel, enjoy being included in more club activities and thus be able to express our support in a more concrete way.

de Peg, K3KUD XYL

* * * * *

FCC RULING CHANGE

As of May 10, 1962, it is no longer necessary to have the applications for license renewal notarized. The forms for renewal are the same as those used for an original application, therefore, when filing for a renewal be sure to attach your last ORIGINAL license and all renewal cards. If you have lost your original license, fill in number 10 on the form. All renewal and modification applications should be forwarded directly to:

Federal Communications Commission
334 York Street
Gettysburg, Pennsylvania

Applicants for Novice, Technician, and Conditional Class Licenses will continue to request materials from the Phila. office, MA 7-6000, but will return completed papers to the Gettysburg address.

NEW ARRL PRESIDENT

Herbert Hoover, Jr. W6ZH/K6ZH was unanimously elected president of the ARRL at the conclusion of the Annual Meeting.

* * * * *

No matter what happens, there is always someone who knew it would.

* * * * *

USELESS INFORMATION

In case you're thinking of making your own QSL cards, the postoffice informs us that the following limitations apply: Maximum size 5-9/16" x 3-9/16", minimum size 2-3/4" x 4".

S P L A T T E R

Vacation Tip:

The following is a complete word for word copy of the section of the Motor Vehicle Laws of the State of Connecticut relating to mobile radio.

"Section 14-259 USE OF RADIO TELEPHONE

No operator of a passenger motor vehicle equipped for hand radio telephone service shall receive or transmit messages over such hand radio telephone while such vehicle is in motion. When an operator is receiving or transmitting a message, he shall stop the motor vehicle as near as possible to the curb, or off the travelled portion of the highway, and in such position not to interfere with the orderly movement of traffic. Nothing in this section shall affect any person operating mobile radio in any radio service licensed by the Federal Communications Commission to any federal, state, county, or municipal agency, to any ambulance radio service, gas, electric or water company service, amateur radio service, radio amateur civil emergency radio service, disaster communications service, special emergency radio service, or to any radio service while being operated in the service of any state, county or municipal civil defense agency, or fireman while operating fire apparatus. Any person who violates any provision of this section shall be fined not more than one hundred dollars."

This law does not appear to affect amateurs while operating mobile, however, it is our understanding that police officers frequently stop hams for doing so, and having a copy of this in the car has been known to save a fine, since apparently all the officers are overly familiar with the exact wording.

* * * * *

CB NOTE (From Florida Skip)

A new national organization called REACT (Radio Emergency Associated Citizens Teams) has been formed, designed exclusively to provide more efficient two-way radio communications under local emergency conditions; this is a volunteer movement of CB operators to provide effective, round the clock radio communications supplementing police, fire, ambulance and CD efforts. A further goal is to promote correct and efficient use of Citizens Band. Currently active in 50 states, the members of REACT get an insignia for their cars, and periodic bulletins from National Headquarters. Monitor stations will be on duty each city 24 hours a day to relay emergency messages to the proper authority.

(The above information has received national circulation providing one more feather in the cap of the CBer — maybe we are just a little bit too smug, and this smugness may just cost us another slice of the spectrum in the near future. Ed.)

* * * * *

FCC REPORT

The annual FCC report shows that there were 222,170 authorized amateur stations as of June, 1961. Operator authorizations numbered 216,720, an increase of 10,720 during the year. The FCC received and dispatched over two million pieces of mail during the year. (From Washington D.C. only)

* * * * *

Application for Membership:

William W. Richards - W3FTZ
11 Locust Street
Newtown Square, Pa.

Handle: Bill XYL Handle: Norma
Home Phone: E1 6-5384
Bus. Phone: LA 5-2700

Employed by: Baldwin Schhol, Bryn Mawr, Pa.

Position : Maintenance Supervisor

Sponsored by: K3RKH, W3DSG

* * * *

JUNE MEETING

The scheduled program on Ham TV was cancelled, but our program committee very ably filled the gap by presenting tapes of portions of the W3TKQ dedication program, and a most interesting talk on a new piece of SSB gear, the Swan 120 Transceiver, which was supplied and demonstrated by K3JFF.

41 members and 16 guests were present, including G3HII, Colin Fox, from Liverpool, England, who coupled a visit to W3TKQ with the visit to our meeting.

* * * * *

W3TKQ NOTES

The committee again stresses that all operators wishing to use the new equipment must be checked out first by either W3ADV, W3DYP or W3CDY. A file will be maintained of those hams who have had the check out and are permitted to operate. Anyone wishing to operate the station must also have the original of his license with him.

Nelson informs us that he will operate SSB between 1000 and 1700 hours each day except Monday, and that the most likely frequency is 14.3 mc. or very close to it. The best time to call him is between the hour and the half hour, since from the half hour to the hour he has demonstrations to give. Channel 1 will of course be monitored at all times, but don't forget, Nelson can only handle one rig at a time, and you may not always get an immediate answer.

* * * * *

A SERVICE TO HUMANITY

At 11:55 A.M., June 6th, Amateur Radio Station HR1MD, Honduras, Central America sent out a general call to Miami, Florida, with emergency traffic. After several unsuccessful attempts were made by HR1MD, W3TKQ, Nelson, at the Franklin Institute, called HR1MD and offered assistance.

W3TKQ was able to get an immediate contact with W4BLM in Miami and have him turn his beam to pick up Honduras. Successful contact was made between HR1MD, Mac, and W4BLM, Stan.

The message concerned a boy who had been seriously injured in Honduras and had been put on board a plane with his mother and a doctor and heading for Miami. Arrangements were made for a specialist, Dr. Fred Smith, and an ambulance to meet the plane when it landed.

W3TKQ, Nelson, stood by at 3:00 P.M. to relay messages in the event a scheduled contact between HR1MD and W4BLM could not be made due to band conditions. These messages referred to the boy's safe arrival and condition.

Many visitors to The Institute listened to this emergency call on the phone hook-up at the new station and received an excellent demonstration of "ham radio" not only as a hobby, but in the great service to mankind performed by amateur radio operators and stations all over the world.

* * * * *

SWAP AND SHOP

Sale: 1959 Ford Galaxie Hardtop, Radio, Heater, Auto. Transmission
With or without Messenger 10 meter rig. W3WNC

Sale: B&W 5100B Xmtr, 51 SB-B SSB generator, both perfect-will not
separate. \$450.00
1 KW Class C amplifier, Pair 4-400A's modulated by pair 250 TH
monster power supply and TVI'd Final. Modulator beautifully
mounted in handsome 6 foot rack \$300.00 K3HWX

Sale: RCA Mark VII - mint condition W3WPD

Sale: Mint condition NC300 with crystal calibrator \$225.00
or best offer K3HWX

Wanted: Messenger mobile rig with 12vdc and 110vac pwr supply W3DJW

Sale: Cheyenne and Comanche with AC and DC pwr supply \$230.00

Elmac (James)pwr supply. 6/12 vdc inpoint. Will power both the
Elmac series receiver and transmitter. \$ 35.00

BC659 transceiver, 2-channel, 28 to 32 mc. Xtal controlled. FM,
easily converted to AM. With spare tubes. \$ 15.00

Communications recr, SX25. Excellent condition. Recently
re-tubed and realigned. \$ 75.00

Radio Range recvr, brand new, BC1206 \$ 10.00

Sola constant voltage transformer, perfect condition. Will auto-
matically maintain a constant 115 v output with input fluctuations
between 95 and 125 volts. \$ 25.00

Mobile pwr supply for Elmac or similar receivers and xmtrs.
Made by Hallicrafters. 12v input. Contains vibrator supply for
receiver and Carter genemotor for xmtr. Complete and ready to
go with built in switching and starting relays. \$ 25.00

Communications recvr, HQ140X. The hottest HQ140X in the area.
Built in Central Electronics Q-multiplier and Hammarlund xtal
calibrator. \$250.00

Low-pass filter, F-215G. Pass-band 50 to 80.2 mc \$ 5.00

Johnson Signal Sentry, brand new. \$ 15.00

Complete 6 meter station:
Tecraft CC-50 Deluxe 6 meter converter; Tecraft 20/50 xmtr;
Shure 707 mike; PTR-2 Tecraft power supply, 40 meter home-
brew recvr; 3 element Telrex antenna; ARC-5 xmtr modified for
VFO. \$125.00

W3JYA

SWAP AND SWAP AND SHOP (concl'd)

Sale - RCA MARK VII, like new mint, GE-8-983day-phone W3VSD
Sale - Heath GW-10-D, 12 volts, \$65.00 or what-have-you W3PST
Sale: Phil-Mont Coaxial antenna w/20 feet of 1 inch pipe
20 meter, 2-element Mini Beam W3VSU

Sale: NC183 recvr w/spkr. Excellent condition \$140.00 W3NJS
KI-3-3982

Will Trade: AF67 and PMR-7 for small, compact channel 1 and 2 recvr and
transmitter. K3KDP
HI-9-2035

CHANNEL CHATTER

K3 EID worked the "Red truck" over and made some very noticeable improvement in its performance - - W3QQH finally putting all his hardware on the tower, assisted (?) by W3QV, W3VVS, K3GNJ and K3KUD - - K3GNM now sidebanding with a brand new Marauder - - W3YHV resting between trial runs, Field Day and building a new SSB rig for the car - - K3HWX looks like a Texas oilman in that 10 gallon hat - - W3LNQ/m now high power - - K3GNJ hadn't even gotten out of the area, enroute to Boston, before K3GNJ fixed, manned by W3GIF (with sandwich) was on the air - - Nice write-up on W3QCV in the June issue of the Franklin Institute News - - K3KDP's "Land Rover" getting the once over from the experts in the Institute driveway after the meeting - - Wayne Ziegler, now an Associate Member, being driven to amateur radio in self-defense. Another Navy Yarder - - W3UMK missing and missed on the frequency, Dick is out of town on business - - -

USELESS INFORMATION

The FCC is now issuing WB2 calls in the New York, New Jersey area. Pennsylvania, Delaware, Maryland will very soon be getting WA3 calls.

WE NEED IDEAS!

At mid-month, QQH suggested the purchase of two Heath GW-31 Handy-Talkies to be owned by Phil-Mont and kept available in the Com Truck. Cost - about \$54 for the pair. Our keeper of the funds, K3DJE, rightly brought out that no section of the budget would presently stand the purchase of such an item. This is cold fact and cannot be disputed.

It is QQH's contention that if Phil-Mont does not, or cannot keep itself abreast of its announced ambition of being able to cope with any communications problem, then we had better re-examine our reason for organization. This includes 6 meter gear for the truck, walkie talkies, and any other equipment which will further our ability to offer the most complete communication service of any radio club.

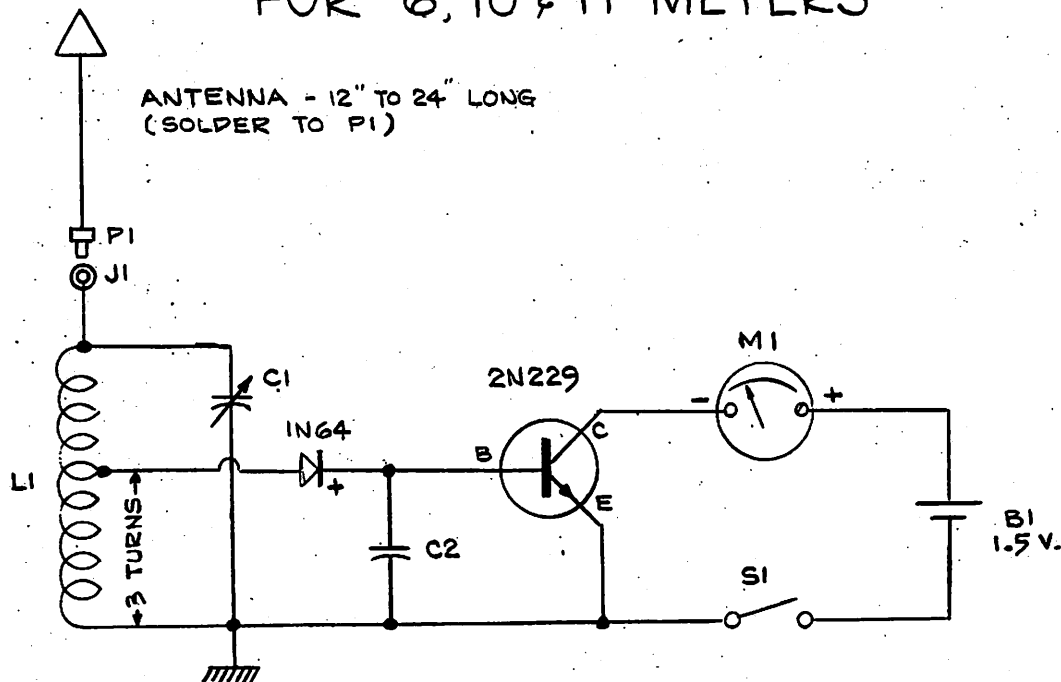
If funds are not available from the present budget, is it possible to find a way to improve our status by other means? What is your comment?

PHILMONT TEK-NI-GRAM

JULY 1962

CONTRIBUTED BY K3KVD

FIELD STRENGTH METER FOR 6, 10 & 11 METERS



- L 1 - Six turns No 18 enameled wire 1/2" diameter
- S 1 - SPST Switch
- C 1 - 75 mmfd. (Hammarlund APC 75)
- C 2 - .001 mfd. Ceramic
- P 1 - Banana Plug
- J 1 - Banana Jack
- M 1 - 1 MA Meter (100 or 500 micro amp. for more sensitivity)

Lower frequency bands can be covered by increasing the number of turns at L1. Unit mounts in 4 1/2" x 2 1/4" x 1 1/2" Minibox.

Extracts from
FEDERAL COMMUNICATIONS COMMISSION
Rules and Regulations, Part 12

12.25 Availability of Operator License.

The original operator license of each operator shall be kept in the personal possession of the operator while operating an amateur station. When operating an amateur station at a fixed location, however, the license may be posted in a conspicuous place in the room occupied by the operator. The license shall be available for inspection by any authorized Government official whenever the operator is operating an amateur station and at other times upon request made by an authorized representative of the Commission, except when such license has been filed with application for modification or renewal thereof, or has been mutilated, lost or destroyed, and application has been made for a duplicate license in accordance with 12.26. No recognition shall be accorded to any photocopy of an operator license; however, nothing in this section shall be construed to prohibit the photocopying for other purposes of any amateur radio operator license.

12.28 Who May Operate an Amateur Station.

An amateur radio station may be operated only by a person holding a valid amateur operator license. Such station may be operated by the licensee only in the manner and to the extent provided in his amateur operator license. Persons other than the station licensee, when operating such station, may operate it only to the extent and in the manner authorized to the licensee of the station and not exceeding the operating authority of such person's own amateur operator license. When an amateur station is used for telephony or radio teleprinter transmissions the station licensee may permit any person to transmit by voice or teleprinter, provided during such transmission call signs are announced or transmitted as prescribed by 12.82 and a duly licensed amateur operator maintains actual control over the emissions, including turning the carrier on and off for each transmission and signing the station off after communication with each station has been completed.

12.68 Availability of Station License.

The original license of each amateur station or a photocopy thereof shall be posted in a conspicuous place in the room occupied by the licensed operator while the station is being operated at a fixed location or shall be kept in his personal possession. When the station is operated at other than a fixed location, the original station license or a photocopy thereof shall be kept in the personal possession of the station licensee (or a licensed representative) who shall be present at the station while it is being operated as a portable or mobile station. The original station license shall be available for inspection by any authorized Government official at all times while the station is being operated and at other times upon request made by an authorized representative of the Commission, except when such license has been filed with application for modification or renewal thereof, or has been mutilated, lost, or destroyed, and application has been made for a duplicate license in accordance with 12.26.

12.82 Transmissions of Call Signs.

(b) When telephony is used, the call sign of the station shall be preceded by the words "this is" or the word "from" instead of the letters "de," followed by an announcement of the geographical location in which the portable or mobile station is being operated.

12.82 continued...

Example 4. Portable or mobile amateur radiotelephone station operating in the third call area calls a fixed amateur station: WLABC WLABC WLABC "this is" or the word "from" W2DEF W2DEF W2DEF operating portable (or mobile) 3 miles north of Bethesda, Md., over.

(c) When telephony is used, the transmission of call signs prescribed by paragraphs (a) and (b) of this section may be made by the person transmitting by voice in lieu of a duly licensed operator provided the licensed operator maintains the control required by 12.28.

12.91 Notice of Operation.

Whenever an amateur station is, or is likely to be, operated for a period in excess of 48 hours away from the fixed transmitter location specified on the station license without return thereto, the licensee shall give advance written notice of such operation to the Commission office or offices specified in 12.90 or 12.93. A new notice is required whenever there is any change in the particulars of a previous notice or whenever operation away from the authorized station continues for a period in excess of one year. The notice required by this section shall contain the following specific information:

- (a) Name of licensee.
- (b) Station call sign.
- (c) Authorized fixed transmitter location.
- (d) Portable location (s), or mobile itinerary as specifically as possible, or temporary fixed transmitter location, or new permanent fixed transmitter location.
- (e) The dates of the beginning and end of each period of operation away from the location specified in the station license.
- (f) The address at which, or through which, the licensee can be readily reached.
- (g) In the case of mobile operation, the official name, registry number or license number (including the name of the issuing state or territory, if any) of the aircraft, vessel, or land vehicle in which the mobile station is installed and operated.